

IN THE SPECIFICATION:

For each of the paragraphs listed in this section, please amend that paragraph of the specification by replacing it with the version given here.

Please amend ~~paragraph~~ 0033 as follows

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a1 [0033] As noted above, the laser from the pointer 21 is pulsed. The phase of the laser's pulse is adjustable by the user through a control on the pointer 21. The range of phases at which the pointer 21 can pulse the laser light correspond to the phases for rotation of various points on the helical display screen 18 the of SLM/Helix 3D display system 10. Consequently, the wireless laser pointer 21 can light a particular point in the 3D display along the beam path where the laser beam impinges the helix surface of the helical display screen 18 by controlling the related phase of the pulsed laser from the pointer 21 with respect to the rotating position of the helical display screen 18. Due to the synchronization of the laser pulse and the rotation of the helical display screen 18, the pulsed laser beam strikes the same spatial point, *P*, every time the helical display screen 18 reaches the same angular position during each rotation of the helical display screen 18, thereby creating a bright spot in 3D space (i.e., a lighting bug in the display volume).

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Please cancel ~~paragraph~~ 0034.

Please amend ~~paragraph~~ 0037 as follows

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a2 [0037] Preferably, a red laser diode and/or green laser diode can be selected as components of the pointer 21. In order to display a 3D cursor in the 3D volume consistently, the ON/OFF timing of the laser(s) on the 3D mouse device [[20]] 21 should be synchronized with the rotating position of the helical display screen 18. In order to change the spatial location of the 3D cursor, the user must be able to change the phase or delay of the laser pulse